

The logo for the Auburn University School of Forestry and Wildlife Sciences. It features a stylized green pine tree with a brown bird in flight, wings spread, positioned in front of the tree. The background is a solid orange color. Below the graphic is the Auburn University logo, which consists of a stylized 'AU' monogram and the text 'AUBURN UNIVERSITY' in a serif font.

¹ Forest Health Dynamics Laboratory, School of Forestry and Wildlife Sciences, Auburn University, Auburn, Alabama, USA ; ²USDA Forest Service, Southern Research Station, Auburn, AL, USA; ³USDA Forest Service, Southern Research Station, Pineville, LA, USA

Results

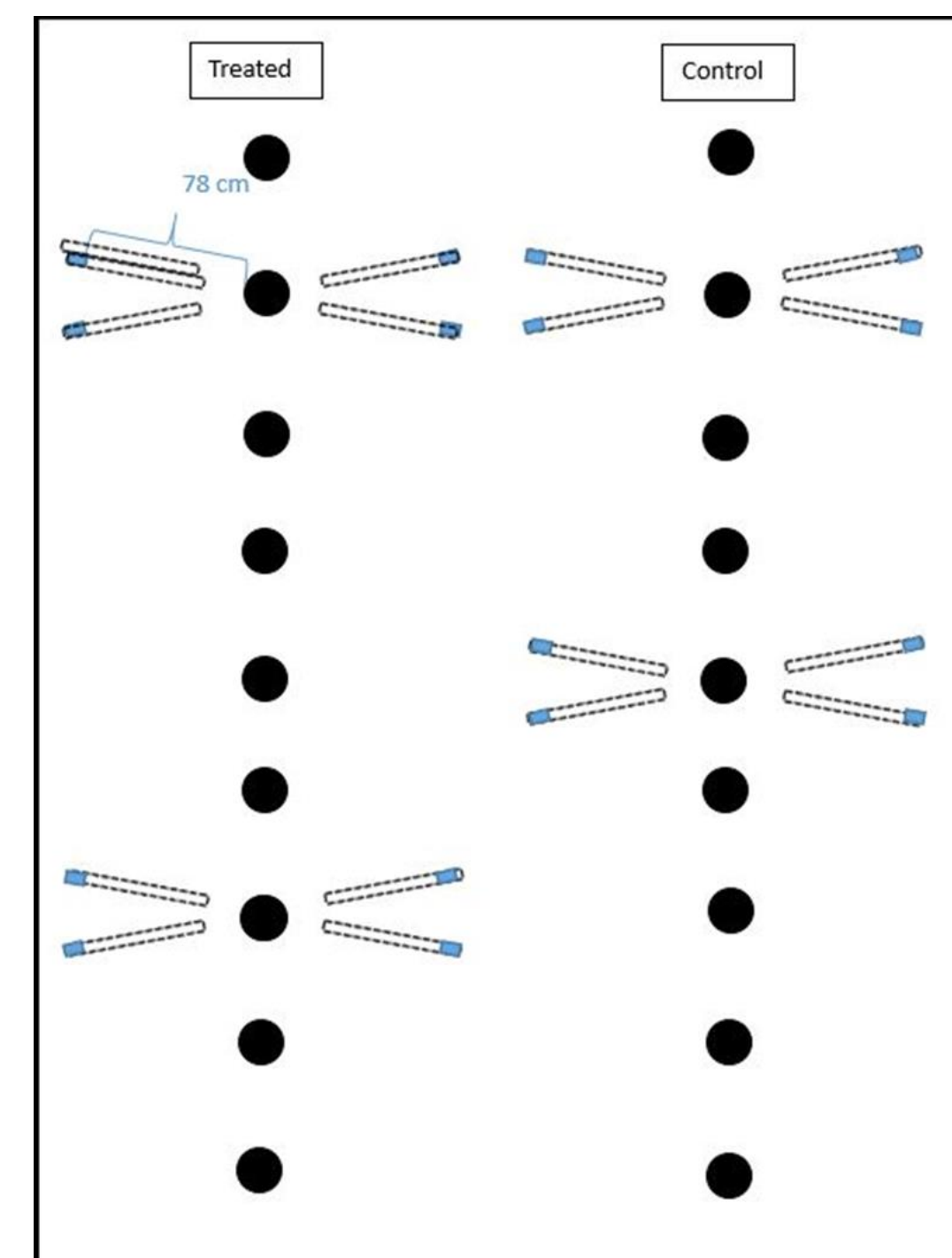
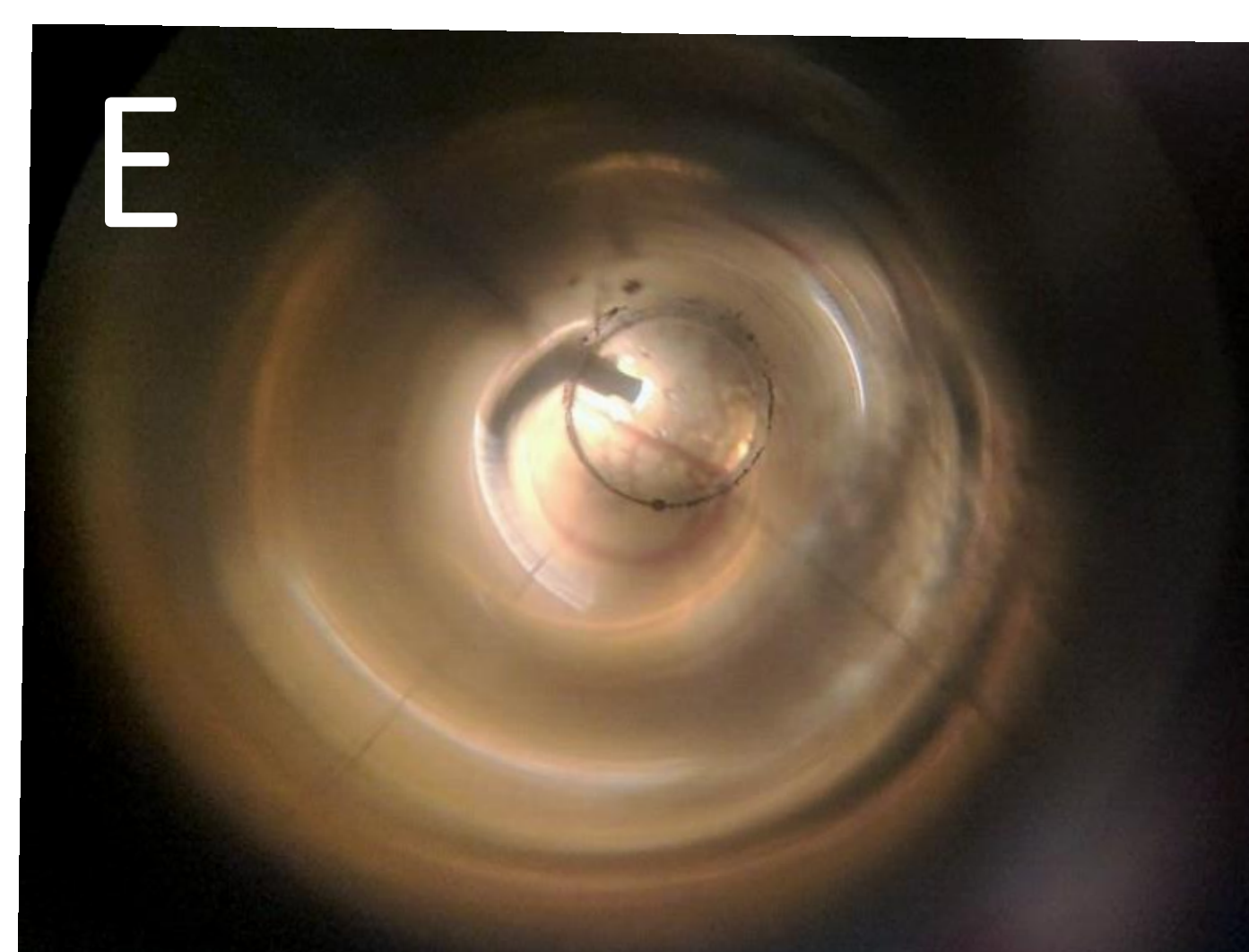


Fig 2: Example of tube layout in the plot



- Samples collected every two months starting from April 2017.



(i) Cumulative RLD (cm cm⁻²)

Month	Cumulative RLD (cm cm ⁻²)
Apr 2017	0.032
June 2017	0.042
Aug 2017	0.048
Oct 2017	0.062
Dec 2017	0.055
Feb 2018	0.052
Apr 2018	0.060
June 2018	0.070
Aug 2018	0.072
Oct 2018	0.078
Dec 2018	0.075
Feb 2019	0.074

(ii) Net RLD (cm cm⁻² month⁻¹)

Month	Net RLD (cm cm ⁻² month ⁻¹)
Apr 2017	0.000
June 2017	0.0045
Aug 2017	0.0020
Oct 2017	0.0080
Dec 2017	0.000
Feb 2018	0.000
Apr 2018	0.0035
June 2018	0.0045
Aug 2018	0.0010
Oct 2018	0.0025
Dec 2018	0.000
Feb 2019	0.000

Annotations:

- Steady growth:** Indicated for the period from April 2018 to February 2019.
- 50.6% less rainfall, 6.6% more temperature:** Indicated for the period from April 2017 to February 2018.

Fig 5: Cumulative and net RLD across measurement dates

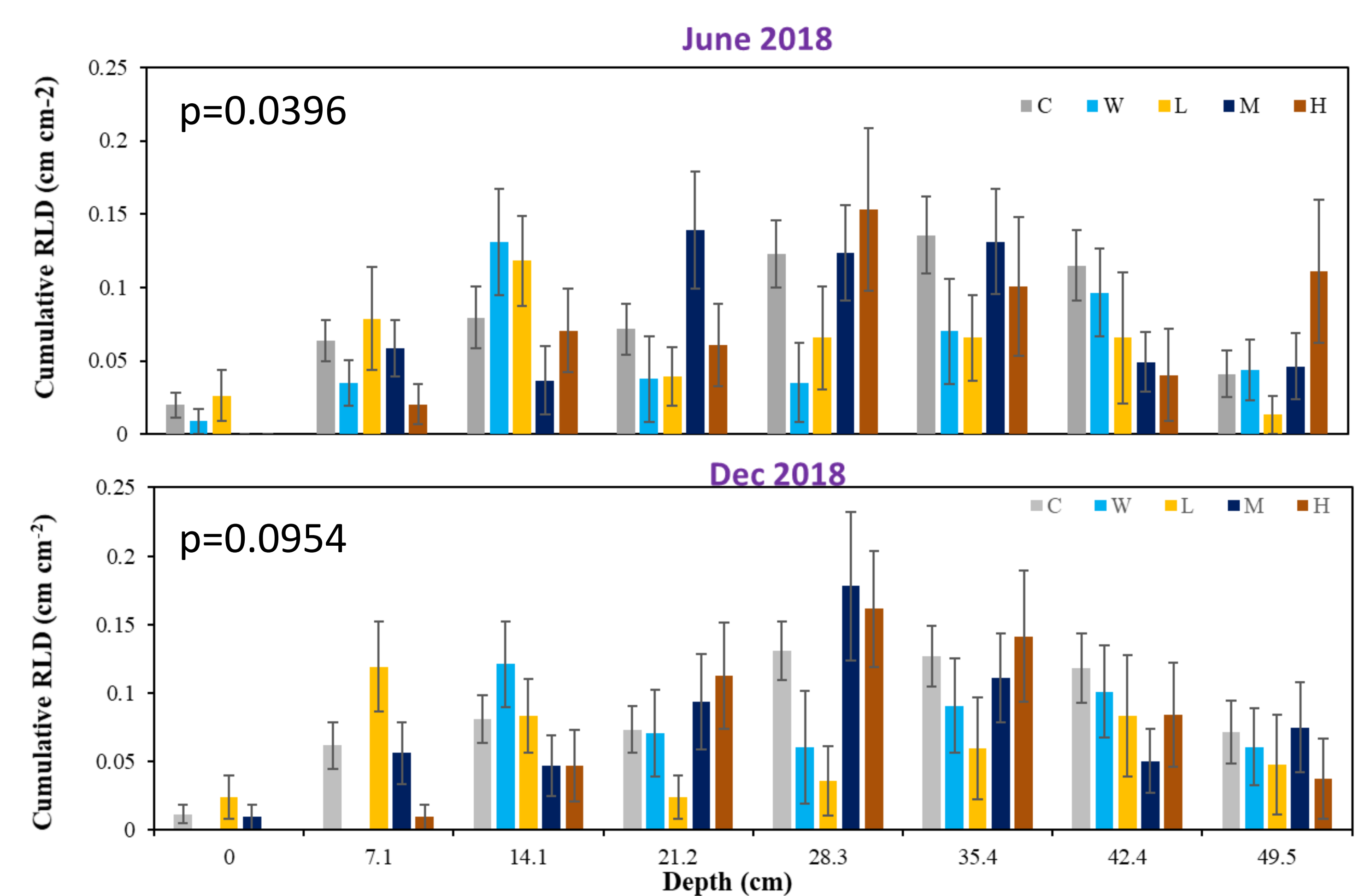


Fig 6: Significant treatment \times depth interaction

